



Technology Executive Committee

02 November 2020

Twenty-first meeting

Virtual meeting, 17–20 November 2020

Joint activities of the TEC and CTCN

I. Introduction

A. Background

1. In a joint session convened on 27th March 2019 during the eighteenth meeting of the Technology Executive Committee (TEC) and the thirteenth meeting of the Advisory Board of the CTCN (CTCN AB), the TEC and the CTCN AB met to identify potential areas of collaboration between the TEC and CTCN, including possible activities that could be undertaken jointly, for inclusion in their respective workplan and programme of work.

2. At this meeting, members of the TEC and CTCN AB engaged in discussions to identify possible joint activities along the following themes: research, development and demonstration (RD&D); uptake of existing climate technologies; long-term technology transition; and technology needs assessment (TNA). The two bodies also agreed to collaborate on integrating gender considerations into the work of the Technology Mechanism; develop a coherent system for monitoring and evaluation of the activities of the Technology Mechanism; and continue to organize regional technical expert meetings in conjunction with climate weeks and other regional events.

3. The TEC and CTCN AB requested their Chairs and Vice Chairs further elaborate, with the support of the UNFCCC and CTCN secretariats, on the identified possible joint activities for inclusion in their respective workplan and programme of work, taking into account relevant outcomes and guidance arising from the joint session.

4. In September 2019 the TEC and CTCN AB, in their respective meetings, considered a list of proposed joint activities in the identified areas of collaboration.¹ They provided guidance to further elaborate the proposals, taking into consideration the rolling workplan of the TEC and the CTCN annual operating plan, both of which had just been adopted at the September meetings. Subsequently Parties, through decision 8/CMA.2, requested the TEC and the CTCN to finalize in 2020 the development of activities to be undertaken jointly by both bodies.

5. The Chairs and Vice Chairs of the TEC and CTCN AB resumed discussions in early 2020. Noting the resource constraints, they agreed that the plan for joint activities needed to strike a balance between identifying readily-implementable (“low hanging fruits”), impactful and visible activities while ensuring the two bodies collaborate across the full spectrum of guidance provided by the technology framework. The Chairs and Vice Chairs also noted that emphasis should be given to areas where there was successful collaboration in the past and/or work-in-progress may be considered. Emphasis was also given to activities that could be implemented immediately in 2020, to ensure that these could be included in the 2020 joint annual report of the TEC and the CTCN, thereby responding to the CMA mandate from Madrid.

B. Scope of the note

6. The note contains a summary of joint and complementary activities of the TEC and the CTCN implemented in 2020 and proposed joint activities to be undertaken in 2021–2022.

¹ [Proposed joint activities discussed at TEC19.](#)

C. Expected action by the TEC and CTCN AB

7. The TEC and CTCN AB will be invited to:

(a) Consider the proposed joint activities and provide inputs to the Chairs and Vice-Chairs of both bodies as they finalize these activities, with a view to include them in the joint annual report of the TEC and CTCN for 2020;

(b) Consider and agree on modalities to implement the agreed joint activities, taking into account timelines and resource implications for each activity.

II. Joint and complementary activities in 2020

8. Due to the COVID-19 pandemic, the joint TEC-CTCN AB meeting scheduled in April 2020 to finalise the proposals for joint activities could not take place. Further, COP26 / CMA 3 scheduled to take place in Glasgow in November 2020 has been postponed to November 2021.

9. Despite this situation, the TEC and CTCN continued to implement a number of **joint activities** in 2020, based on on-going and past work of the two bodies, and according to the approved rolling workplan and annual operating plan of the TEC and CTCN respectively. These activities were developed, designed and executed jointly by both bodies, under the guidance of their Chairs and Vice Chairs and with the support from the two secretariats. These activities are elaborated below.

(a) Co-organization of regional technical expert meetings on mitigation

10. In August 2020 a series of virtual regional technical expert meetings on mitigation (TEM-Ms) on the topic of Climate-smart Cooling for Sustainable Buildings were organised for four regions: Africa, Latin America and the Caribbean, Asia and the Pacific, Eastern Europe and West Asia.²

11. The meetings were held in response to COP guidance (decision 13/CP.23) which invited the TEC and CTCN to enhance their engagement in technical examination process on mitigation, and to CMA guidance which called for the Technology Mechanism to work in an open and inclusive, including gender-responsive, manner whereby stakeholders are invited to participate and actively engaged (Annex to decision 15/CMA.1, Technology framework paragraphs 20a, 20c).

12. The regional TEM-s were organized in collaboration with the UNFCCC Regional Collaboration Centres and engaged global organisations and initiatives such as the Global Alliance and Building Constructions, Global Green Growth Institute, SEForALL, Green Cooling Initiative and experts from different countries representing governments, academia, businesses and financing institutions.

13. The Chairs, Vice Chairs and members of the TEC and CTCN AB were actively engaged in the discussions as speakers and moderators, contributing perspectives and experiences from their regions. The outcomes of these meetings were reported-on as part of the Global TEM-M which took place on 29th September 2020 and will also feed into the technical paper and summary for policy makers on pre-2020 technical examination process on mitigation.

(b) Monitoring and evaluation system

14. In 2019 the TEC and CTCN agreed to jointly develop a consistent and robust monitoring and evaluation system to report on the activities of the two bodies and their contributions to the transformational changes envisioned in the Paris Agreement, in response to decision 15/CP.23 and CMA guidance contained in the Technology Framework paragraph 25. The system includes a Theory of Change, a Logical Framework Analysis and a Performance Measurement Framework.

15. The two bodies implemented the monitoring and evaluation system in 2020 and conducted outreach to Nationally Designated Entities (NDEs) to contribute to the process of monitoring and evaluating the impact of the TEC and CTCN activities through a joint survey. The focus of the survey was on long-term impacts and actions taken after support was provided, with the aim of

² <https://unfccc.int/ttclear/events/index.html>.

strengthening the capacity of the TEC and CTCN to fulfil their mandate of enhancing climate technology development and transfer, based on lessons learned and recommendations received by the NDEs. The TEC and CTCN will consider the outcomes of this survey at their upcoming meetings to determine appropriate next steps.

(c) Communication and outreach

16. In response to COP decision 14/CP.25 para 4 that invites the TEC and CTCN to continue undertaking joint communication and outreach activities to ensure coherent communication under the Technology Mechanism and Technology Framework paragraph 16a, the TEC and CTCN organized a [Technology Mechanism event](#) during the June Momentum (June 2020). Specifically, the event aimed to enhance awareness of climate technology issues and discuss how the work of the Technology Mechanism and climate technology in general can contribute to global efforts to “recover better”.

17. Another joint event will be held during the Climate Dialogues in November/December 2020 to showcase to Parties and the general audience the work of the two bodies in 2020.

18. Other than activities undertaken jointly, the TEC and CTCN undertook independent but **complementary activities** to achieve a common objective, as guided by the Technology Framework and their respective functions and work plan/ programme of work. For example, the work of the two bodies on TNA has the common purpose of enhancing the implementation of TNA results, thereby responding to CMA guidance contained in the Technology Framework paragraph 12a. In this context, the TEC has produced a policy brief on [Enhancing implementation results of the TNA process](#), while the CTCN has incorporated TNA/TAP elements into the design of technical assistance response plans and supported over 10 countries to develop TNA-related GCF Readiness Proposals, which include development of concrete concept notes for scaled up funding.

19. At the technical level, the two secretariats have continued to work closely through the **exchange of technical data and information** across different areas of work to ensure synergies and an overall coherence of the work of the Technology Mechanism. For example:

(a) CTCN technical assistance data is being used by the TEC to analyze enablers and barriers in technology development and transfer;

(b) A TEC survey on endogenous capacities and technologies to identify needs, gaps challenges and enabling environments, was shared with CTCN network members as key respondents representing practitioners’ perspectives on climate technologies;

(c) TEC policy briefs have been used by countries to help identify priorities and develop request for technical assistance from the CTCN;

(d) NDE database and CTCN Gender-Just Solutions Awards and Up-Scaling Programme data are used to identify experts for events of the TEC and joint events.

III. Proposed joint TEC-CTCN activities in the period 2021–2022

20. The Chairs and Vice Chairs of the TEC and CTCN AB have identified possible joint activities for the period 2021–2022 which are elaborated in the table below. To the extent possible, the proposed activities are designed to tap into ongoing or recently completed work of each body.

Area of collaboration (Reference to Technology Framework guidance)	Description	Remarks
Build back better (Technology Framework paragraphs 8, 16, 20)	Background: The CTCN and its Advisory Board members, are developing a guide for countries to build back better climate resilient systems post COVID-19. The guide serves to inform considerations when investing in, and implementing, climate resilience actions across four areas of intervention: system decarbonization, circularity of economy and supply chains, nature-based solutions and ecosystem innovation. The draft guidance document will be finalized in the first quarter of 2021. The TEC has experience across a number of the intervention areas highlighted in the	Joint activity in 2021

Area of collaboration (Reference to Technology Framework guidance)	Description	Remarks
	<p>guidance document. In 2019 the TEC produced recommendations to the COP on circular economy, and work is currently ongoing to finalize a compilation of good practices on RD&D partnerships and initiatives. In 2021 the TEC will work on National systems of innovation and will finalize its work on endogenous capacities and technologies. The findings from this work could be relevant to enrich the strategy and areas of intervention mentioned in the guide.</p> <p>Proposal:</p> <ol style="list-style-type: none"> 1. Jointly update the guidance document in 2021 to incorporate findings from the TEC's work and CTCN experience incorporating build back better considerations in technical assistance. 2. Conduct outreach to NDEs and engage relevant stakeholders to promote the guide and share the findings through existing communication channels. 3. Invite other expert organizations to share knowledge and provide capacity building for the NDEs/other focal points/relevant stakeholders through the CTCN/UNFCCC platform. 	
<p>Technology and NDC (Technology Framework paragraphs 12,16, 20)</p>	<p>Background: The Technology framework provides overarching guidance to the Technology Mechanism to support the implementation of the Paris Agreement on technology related matters, including the implementation of Nationally Determined Contributions (NDCs). The TEC and CTCN, as the policy and implementation arm of the Technology Mechanism, carry out their mandate following this guidance. For example, the TEC works on strengthening the link between TNAs and NDCs, while the CTCN supports countries, through technical assistance, to implement technology projects as part of their NDC.</p> <p>Proposal:</p> <ol style="list-style-type: none"> 1. Jointly analyze technology issues related to NDCs based on an analysis of submissions of revised NDCs (2020), and findings from both the TEC and CTCN's work related to NDCs. 2. Jointly identify success stories on the uptake of technologies, building on the outcomes of pre-2020 technical examination process, previous work of TEC, and sourcing information from technology stakeholders, NDEs, and CTCN network members. 3. Develop a joint publication containing elements of points (1) and (2) above. 4. Provide a joint recommendation to CMA 26 on how to stimulate the uptake of climate technology solutions, including through the enhancement of enabling environments, to support the implementation of NDCs. 	<p>Joint activity in 2021</p>
<p>Technologies that are ready to transfer (Technology Framework paragraphs 8h,12d, 20)</p>	<p>Background: The Paris Agreement highlights the importance of technology for the implementation of climate mitigation and adaptation actions. The technology framework highlights identifying and developing recommendations on approaches, tools and means, as appropriate, for the assessment of the technologies that are ready to transfer as one area the Technology Mechanism could undertake to support the implementation of mitigation and adaptation actions.</p> <p>Proposal:</p> <ol style="list-style-type: none"> 1. The TEC and CTCN, in collaboration with expert organizations, can engage NDEs, network members, the private sector and other relevant stakeholders to discuss the concept of technologies that are ready to transfer. This could take the form of a joint dialogue organized in 2021, covering the following elements: <ol style="list-style-type: none"> a. Good practices, approaches, and tools available to access information on technologies that are ready to transfer; b. Opportunities for private sector engagement and promotion of public-private partnership; c. Ways to build or enhance capacities of countries to adopt technologies which are ready to transfer. 	<p>Joint activity 2021–2022</p>

Area of collaboration (Reference to Technology Framework guidance)	Description	Remarks
	<p>The full scope of such a dialogue could be further elaborated as discussions progress.</p> <ol style="list-style-type: none"> 2. Jointly develop recommendation based on the outcomes of the dialogue. 3. The TEC and CTCN disseminate information relevant to technologies that are ready to transfer via their knowledge portals. 	
<p>Gender and Technology (Technology Framework paragraphs 3b,6,16c,18,20,22)</p>	<p>Background: Parties have provided guidance and mandates on gender-related matters to constituted bodies through various decisions. The Technology Framework also includes provisions referring to gender. In 2019, the TEC agreed to mainstream gender consideration into its workplan and subsequently appointed its Gender Focal Points in 2020. The CTCN has already undertaken extensive work on gender since its inception, including establishing gender focal points, implementing a gender policy and action plan, and developing a gender knowledge hub. This presents opportunities for synergies between the two bodies on gender mainstreaming as it relates to technology development and transfer.</p> <p>Proposal:</p> <ol style="list-style-type: none"> 1. The TEC and the CTCN will encourage and generate awareness among NDEs, TEC members, Advisory Board members on the COP guidance on the need to achieve gender balance in their Boards, in accordance with decisions 36/CP.7 and 23/CP.18 and will report annually on the gender distribution of the TEC, Advisory Board and CTCN Secretariat. 2. The TEC and the CTCN will support the UNFCCC secretariat in developing and maintaining a roster of gender experts to call upon for various events, workshops, activities and for consultation during technical assistance implementation. 	<p>Joint activity 2021–2022</p>

IV. Modalities for implementing joint activities

21. To support the implementation of joint activities, it is proposed to establish **a joint taskforce** composed of the Chairs and Vice Chairs of the TEC and CTCN AB and open to other members of the TEC and CTCN AB who may be interested to join. The joint taskforce will lead on the execution of all agreed joint activities and is responsible for further elaborating on the scope of each joint activity, including the timeline. The task force may also establish an internal arrangement to effectively carry out the work.

22. The UNFCCC and CTCN secretariats will facilitate the work of the joint taskforce by organizing the work and preparing the documentation as required for the implementation of the joint activities.

23. The joint taskforce will provide updates to the TEC and AB CTCN on an annual basis.